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## **Minnesota Courts Integration Services**

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**Document Filing Draft**  
**Version 0.1**  
**March 7, 2005**

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## 1. Preface

This document describes an early draft for filing documents with the Courts' integration services. We expect it will be some time before we are able to work on implementing these services, however, this draft indicates our anticipated direction.

The following standards guided the drafting of these messages.

Standard	Link
XOP	<a href="http://www.w3.org/TR/2005/REC-xop10-20050125/">http://www.w3.org/TR/2005/REC-xop10-20050125/</a>
MTOM	<a href="http://www.w3.org/TR/2005/REC-soap12-mtom-20050125/">http://www.w3.org/TR/2005/REC-soap12-mtom-20050125/</a>

Revision History:

Revision Date	Person	Description
5/7/05	Pm	Created.

Questions: If you have questions, please contact Pete McNair, System Architect, or Tim Buchholz or Linda Emeott, co-team leads of the Integration Team, in the Information Technology Department, Minnesota Supreme Court.

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## 2. Document Filing Overview

The basic flow is that the sending application will encode one or more electronic documents in a SOAP message and transmit them to the Courts' integration services. A standard SOAP XML message would not allow this binary data to be included within the message, so the XOP standard is used to encode the binary data for the binary document as XOP infosets within the SOAP XML document.

The receiving integration service is able to decode the XOP infoset for each binary document and reconstitute the original binary electronic document.

## 3. Sample Messages

### 3.1. Document Filing Request

See the following sample incoming document filing request message below. At this time, we do not have an accompanying schema for this document. That will have to be developed later.

Note: the <DocumentData> element should be of type xsi:base64binary encoded, otherwise the XML document will be invalid.

```
<?xml version="1.0"?>

<soap:Envelope
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/03/addressing"
  xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
  xmlns:msc="http://www.courts.state.mn.us/CourtXML/1.0.0">

  <soap:Header>
    <wsa:To>wmq:IS_REQUEST_DOCFILE@MSCJB01D</wsa:To>
    <wsa:Action>http://www.courts.state.mn.us/IS/DocFileRequest/01</wsa:Action>
    <wsa:MessageID>uuid:414D51204D53434A42303144202020EEEADD4120002706</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>wmq:YOUR_QUEUE@YOUR_QUEUE_MGR</wsa:Address>
      <wsa:ReferenceProperties>
        </wsa:ReferenceProperties>
    </wsa:ReplyTo>
    <wsse:Security>
      <wsse:UsernameToken>
        <wsse:Username>co.polk.mn.us/System9</wsse:Username>
        <wsse:Password>password</wsse:Password>
        </wsse:UsernameToken>
      </wsse:Security>
    </wsse:Security>
  </soap:Header>
  <DocFileRequest xmlns="http://www.courts.state.mn.us/CourtXML/1.0.0">
    <CaseNumberIdentifier caseNumberKey="07CR042294"/>
    <SubmittingOrganizationORIID>MN010015J</SubmittingOrganizationORIID>
    <SubmittingAttorney barNumberKey="215694">John E. Smith</SubmittingAttorney>
  </DocFileRequest>
</soap:Envelope>
```

```

</soap:Header>
<soap:Body>

    <DocumentFiling referenceKey="1">
        <DocumentTypeText>Extradition Document</DocumentTypeText>
        <AssociatedPartyReference partyKey="1001979"/>
        <DocumentData xmlns:xmime="http://www.w3.org/2004/06/xmlmime"
xmime:contentType="image/jpeg">/9j/4AAQSkZJRgABAQAAAQABAAD/2wBDAAgGBgcGBQgHBwcJCQgKDBQNDAsLDBkSEw8UHRofHh0aHBwgJC4nICIsIxwcKDcpLD
        </DocumentFiling>

    <DocumentFiling referenceKey="2">
        <DocumentTypeText>Request for Change of Venue</DocumentTypeText>
        <AssociatedPartyReference partyKey="1001979"/>
        <DocumentData xmlns:xmime="http://www.w3.org/2004/06/xmlmime"
xmime:contentType="image/tiff">/9j/4AAQSkZJRgABAQAAAQABAAD/2wBDAAgGBgcGBQgHBwcJCQgKDBQNDAsLDBkSEw8UHRofHh0aHBwgJC4nICIsIxwcKDcpLD
        </DocumentFiling>

    <DocumentFiling referenceKey="3">
        <DocumentTypeText>Letters of Guardianship</DocumentTypeText>
        <AssociatedPartyReference partyKey="24016"/>
        <AssociatedPartyReference partyKey="31927"/>
        <DocumentData xmlns:xmime="http://www.w3.org/2004/06/xmlmime"
xmime:contentType="application/pdf">/9j/4AAQSkZJRgABAQAAAQABAAD/2wBDAAgGBgcGBQgHBwcJCQgKDBQNDAsLDBkSEw8UHRofHh0aHBwgJC4nICIsIxwcKD
        </DocumentFiling>

    </soap:Body>
</soap:Envelope>

```

### 3.2. Document Filing Reply

See the following sample incoming document filing reply message below. At this time, we do not have an accompanying schema for this document. That will have to be developed later.

```

<?xml version="1.0"?>

<soap:Envelope
:soap="http://schemas.xmlsoap.org/soap/envelope/"
:xsi="http://www.w3.org/2001/XMLSchema-instance"
:wsa="http://schemas.xmlsoap.org/ws/2004/03/addressing"
:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
:msc="http://www.courts.state.mn.us/CourtXML/1.0.0">

    <soap:Header>
        <wsa:Action>http://www.courts.state.mn.us/IS/DocFileRequest/01/Response</wsa:Action>
        <wsa:MessageID>uuid:7c3fb24a-467f-45f3-a40c-c24954163c9f</wsa:MessageID>
        <wsa:RelatesTo>uuid:414D51204D53434A42303144202020EEEADD4120002706</wsa:RelatesTo>
        <wsa:To>wmq:YOUR_QUEUE@YOUR_QUEUE_MGR</wsa:To>
        <wsa:ReferenceProperties>
            <mydata>1234567890</mydata>
        </wsa:ReferenceProperties>
        <wsse:UsernameToken>
            <wsse:Username>courts.state.mn.us/IntegrationBroker</wsse:Username>
            <wsse:Password>password</wsse:Password>
        </wsse:UsernameToken>
    </soap:Header>

```

```
<DocFileReply xmlns="http://www.courts.state.mn.us/CourtXML/1.0.0">
    <CaseNumberIdentifier caseNumberKey="07CR042294"/>
    <SubmittingOrganizationORIID>MN010015J</SubmittingOrganizationORIID>
    <SubmittingAttorney barNumberKey="215694">John E. Smith</SubmittingAttorney>
</DocFileReply>

</soap:Header>

<soap:Body>

    <DocumentFiling referenceKey="1">
        <DocumentTypeText>Extradition Document</DocumentTypeText>
        <ActionType>Accepted</ActionType>
        <ActionDateTime>2004-11-22T16:54:52.380</ActionDateTime>
    </DocumentFiling>

    <DocumentFiling referenceKey="2">
        <DocumentTypeText>Extradition Document</DocumentTypeText>
        <ActionType>Rejected</ActionType>
        <ActionDateTime>2004-11-22T16:54:52.380</ActionDateTime>
        <Reasons>
            <ReasonText reasonIdentifier="89273">Invalid document type.</ReasonText>
        </Reasons>
    </DocumentFiling>

    <DocumentFiling referenceKey="3">
        <DocumentTypeText>Letters of Guardianship</DocumentTypeText>
        <ActionType>Accepted</ActionType>
        <ActionDateTime>2004-11-22T16:54:52.380</ActionDateTime>
    </DocumentFiling>

</soap:Body>

</soap:Envelope>
```